

US Patent Application 09/930,422

Amendment to the Claims:

Please amend claim 40, 3-4, 25-27, 29-31, 42-47, cancel claim 38 and add claim 52 as follow.

1. (Withdrawn) A method to process a body profile (BP) code of claim 40 further comprising the steps of:
defining n available sizes of a garment by a size chart;
processing said BP code to determine one of the n sizes of said garment to become a recommended size for fitting said human body.
2. (Withdrawn) The method of claim 1 wherein said size chart is a pre-existing size chart being utilized prior to the introduction of said BP code processing method, said method further comprising a step to define the fitting criteria of each garment size for matching with a BP code received.
3. (Amended and then withdrawn) A method to process a body profile (BP) code of claim 40 further comprising a step to define the relative relationship between the values of a first physical dimensional parameter and a corresponding second physical dimensional parameter; wherein said step (3) is configured to process said relative relationship to produce said BP code.
4. (Amended and then withdrawn) The method of claim 3 wherein said relative relationship defines an offset indicator of comparing said corresponding second physical dimensional parameter relative with the actual measured value of said first second physical dimensional parameter and said BP code comprises of information representing said offset value.
5. (Withdrawn) The method of claim 3 further comprising a step to define the relationship of said physical dimensional parameters with a size chart of a garment style.

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6. (Previously presented) The method of processing a body profile (BP) code of claim 40 wherein said BP code comprises a primary compressed n1 digits code and a supplemental n2 digits code for representing said m values.
7. (Original) The method of claim 6 wherein said n2 digits code defines a size chart for fitting purpose.
8. (Original) The method of claim 6 wherein said n2 digits code comprises of information to enhance resolution of said n1 code.
9. (Previously presented) The method of claim 6 wherein said n2 digits code comprises of information describing at least one physical dimensional parameter not represented by said n1 code.
10. (Previously presented) The method of claim 6 wherein said n2 digits code comprises of non-dimensional related information related to said human-body.
11. (Original) The method of claim 6 wherein said n2 digits code comprises the out of range information of a parameter represented by said n1 digits code.
12. (Original) The method of claim 6 wherein said n2 digits defines the quantization linearity of at least one of said parameters.
13. (Original) The method of claim 6 wherein said n2 digits code further comprises a n3 digits code for defining the nature or relationship of said n1 and/or n2 digits code.
14. (Original) The method of claim 13 wherein said n2 digits code defines an offset value to be processed with a size chart.
15. (Original) The method of claim 6 wherein said n2 digits code defines the relationship between two physical dimensional parameters represented by said n1 digit code.

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16. (Original) The method of claim 6 wherein said n2 digit code defines the geographical origin of said BP code.

17. (Original) The method of claim 6 wherein said n1 digits code is a functional code independent on said n2 digits code.

18. (Previously presented) The method of claim 6 wherein said n1 digits code comprises a code to inform the decoding process that a supplemental n2 digit code is provided.

19. (Withdrawn) The method of processing a body profile (BP) code of claim 40 wherein at least one of said m defined parameters is represented by non-linear quantized values.

20. (Withdrawn) The method of claim 19 wherein said non-linear quantized values defines the fitting characteristics with a size chart.

21. (Withdrawn) The method of processing a body profile (BP) code of claim 40 further comprising a step to store said BP code at a memory location accessible by a communication link.

22. (Withdrawn) The method of claim 21 further comprising a step to provide a password allowing a person to retrieve said BP Code.

23. (Withdrawn) The method of claim 21 further comprising a step to provide a computing apparatus for converting said BP code into a specific size of a size chart.

24. (Withdrawn) The method of processing a body profile (BP) code of claim 40 wherein said human body defines a first person, said method further comprising a step to enable a second person to obtain said BP Code; and

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a step for said second person to present said BP code to a seller for purchasing a selected garment for said first person.

25. (Amended and then withdrawn) The ~~business~~ method of claim 24 further comprising a step for the seller to fit said BP code with a size chart of a selected garment.

26. (Amended and then withdrawn) The ~~business~~ method of claim 24 further comprising a step for said purchased garment to be shipped by said seller directly to said first person.

27. (Amended and then withdrawn) The ~~business~~ method of claim 24 wherein said second person obtained the BP code of said first person through a communication link, a network, a phone call, a letter, a fax machine or a written note.

28. (Withdrawn) The method of processing a body profile (BP) code of claim 40 further comprising the steps of:
setting up facility in a store for measuring the physical dimensional parameters of a human body;
measuring said m defined parameters of said human body with said facility; and
produce a record storing the BP code representing the size of said human body.

29. (Amended and then withdrawn) The ~~business~~ method of claim 28 further comprising a step to translate said BP code into a fitting size according to a size chart provided by said store.

30. (Amended and then withdrawn) The ~~business~~ method of claim 28 wherein said record is represented by a portable media or a digital memory location.

31. (Amended and then withdrawn) The ~~business~~ method of claim 28 wherein said BP code is make available to a second person enabling said second person to purchase fitted size garment for said first person.

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32. (Withdrawn) The method of processing a body profile (BP) code of claim 40 further comprising the steps of:

- (4) providing a garment matching computing apparatus;
- (5) defining n different physical dimensional parameters for a garment sizing standard;
- (6) defining the fitting criteria of said garment sizing standard to fit with the physical dimensional parameters of said human body
- (7) defining at least one style dependent offset value from said garment sizing standard enabling the fitting of said particular garment style with said human body;
- (8) storing said style dependent offset value for the processing of said computing apparatus;
- (9) processing the information of steps (5) to (8) by said computing apparatus to identify the closest fitted standard size of a garment for said human body; and
- (10) processing said offset value to recommend a final fitted size of said particular garment style for said human body.

33. (Withdrawn) The computing method of claim 32 wherein said garment sizing standard is defined by a size chart.

34. (Withdrawn) The computing method of claim 33 further comprising a step to provide a supplemental code to identify a size chart selected from a groups of different size charts.

35. (Cancelled)

36. (Cancelled)

37. (Withdrawn) The computing method of claim 33 wherein said garment sizing standard comprises of j different sizes and said offset values define an intentional larger or smaller selected size for said garment style to fit a person.

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38. (Withdrawn) The computing method of claim 32 wherein said offset value defines the offset of one of said n different physical measurements required for said particular garment style to fit a person.

39. (Withdrawn) The computing method of claim 32 wherein all the steps (5) to (7) are predefined pre-computer activities.

40. (Currently amended) A method of processing a body profile (BP) code describing the physical dimensions of a human body to facilitate garment shopping, said method comprising the steps of:

- (1) specifying the positions of the body to be measured for defining m different physical dimensional parameters of said human body;
- (2) measuring in length unit each of said m defined parameters a physical dimension of said body to produce m values; and
- (3) processing said m values to produce a multiple digits compressed BP code for representing said m values.

41. (Withdrawn) The method of processing a body profile (BP) code of claim 40 wherein at least one of said values is a quantized value representing one of said parameters.

42. (Amended and then withdrawn) A method of producing a body profile (BP) code to describe the physical dimensions of a human and/or garment body, said method comprising the steps of:

- specifying the positions of the body to be measured for defining m different physical dimensional parameters of a body;
- for each of said m defined parameters, measuring in length unit a physical dimension of said body to produce m values;
- defining the relative relationship between the values of a first physical dimensional parameter and a second physical dimensional parameter; and
- processing said m quantized values and said relative relationship to produce said BP code wherein said BP code comprises a compressed multiple digits code representing said m quantized ~~digital~~ values.

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43. (Amended and then withdrawn) A method of producing a body profile (BP) code to describe the physical dimensions of a human and/or garment body, said method comprising the steps of:

specifying the positions of the body to be measured for defining m different physical dimensional parameters of a body;
for each of said m defined parameters, measuring in length unit a physical dimension of said body to produce m ~~quantized-digital~~ values; and
processing said m ~~quantized~~ values to produce said BP code wherein said BP code comprises a primary compressed n1 digits code and a supplemental n2 digits code for representing said m ~~quantized-digital~~ values.

44. (Amended and then withdrawn) A method of producing a body profile (BP) code to describe the physical dimensions of a human and/or garment body, said method comprising the steps of:

specifying the positions of the body to be measured for defining m different physical dimensional parameters of a body;
for each of said m defined parameters, measuring in length unit a physical dimension of said body to produce m values; and
processing said m values to produce said BP code wherein said BP code comprises a compressed multiple digits code representing said m values;
wherein and at least one of said m defined parameters comprises non-linear quantized values.

45. (Amended and then withdrawn) A ~~business~~ method to facilitate garment purchasing making use of a body profile (BP) code to describe the physical dimensions of a first person, said method comprising:

specifying the positions of the body to be measured for defining m different physical dimensional parameters of said first person;
for each of said m defined parameters, measuring in length unit a physical dimension of said first person to produce m ~~quantized-digital~~ values;
processing said m ~~quantized~~ values to produce a compressed multiple digits BP code for representing said m ~~quantized-digital~~ values;

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enabling a second person to obtain said BP Code; and
a step for said second person to present said BP code to a seller for purchasing a selected garment for said first person.

46. (Amended and then withdrawn) A ~~business~~ method to facilitate garment purchasing making use of a body profile (BP) code to describe the physical dimensions of a person, said method comprising:

specifying the positions of the body to be measured for defining m different physical dimensional parameters of said person;
setting up facility in a store for measuring the physical dimensional parameters of a person;
for each of said m defined parameters, measuring in said store the physical dimensions in length unit of said person to produce m ~~quantized digital~~ values;
processing said m ~~quantized~~ values to produce a BP code comprising a compressed multiple digits code representing said m ~~quantized digital~~ values;
and
produce a record storing the BP code of said person.

47. (Amended and then withdrawn) A computing method for matching the body size of a person with the garment of a particular garment style comprising the steps of:

- (1) providing a garment matching computing apparatus;
- (2) specifying the positions of the body to be measured for defining m different physical dimensional parameters of said person;
- (3) for each of said m defined parameters, measuring a physical dimension in length unit of said person to produce m ~~quantized digital~~ values;
- (4) defining n different physical dimensional parameters for a garment sizing standard;
- (5) defining the standard fitting criteria of said garment sizing standard to fit the physical dimensional parameters of a person;
- (6) defining at least one style dependent offset value from said identified standard fitted size enabling the fitting of said particular garment style with said person;
- (7) storing said style dependent offset value for the processing of said computing apparatus;

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(8) processing the information of steps (2) to (7) by said computing apparatus to identify the closest fitted standard size of a garment for said person; and

(9) processing said offset value to recommend a final fitted size of said particular garment style for said person; and

(10) processing said m values to produce a multiple digits compressed BP code for representing said m values.

48. (Withdrawn) The method of claim 1 further comprising a step to define the relative relationship between the values of a first physical dimensional parameter and a second physical dimensional parameter; and
a further step to process said relative relationship for recommending a size indicated by said size chart.

49. (Previously presented) The method of claim 1 wherein said BP code comprises a primary compressed n1 digits code and a supplemental n2 digits code for representing said m values; wherein said method comprising a step to process said primary compressed n1 digits code and a supplemental n2 digits code for recommending a size indicated by said size chart.

50. (Withdrawn) The method of claim 1 wherein at least one of said m defined parameters is a non-linear parameter represented by non-linear quantized values, wherein said method comprising a step to process said non-linear parameter for recommending a size indicated by said size chart.

51. (Withdrawn) The method of claim 1 wherein said BP Code defines the human body of a first person; said method further comprising a step to enable a second person to obtain said BP Code; and a step for said second person to select a garment for said first person, from said size chart with the assistance of said BP Code.

52. (New) A method to process a body profile (BP) code of claim 40 wherein said multiple digits compressed BP code can be decompressed to reproduce said m values.